10th Class 2016

Chemistry	Group-II	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The colour of HI is:

(a) Orange (b) Purple
(c) Red (d) Colourless √

2- When $Q_c < K_c$, the reaction goes in:

(a) Forward √ (b) Reverse
(c) Equilibrium (d) None

3- Which one of the following is acidic salt:

(a) $KHSO_4$ √ (b) $Al(OH)_2Cl$
(c) NaCl (d) Ca(OCl)Cl

4- Which one of the following is Lewis base:

(a) BF_3 (b) NH_3 √
(c) H^+ (d) $AlCl_3$

5- Which one of the following does not contain starch:

(a) Sugar-cane √ (b) Barley
(c) Maize (d) Potatoes

6- Oxidation of alkenes produce:

(a) Glyoxal (b) Oxalic acid
(c) Glycol √ (d) Formic acid

7- **The nitrogen present in urea is used by plants to synthesize:**

(a) Sugar (b) Proteins √

(c) Fats (d) DNA

8- **Which one of the following ions does not cause hardness in water:**

(a) Ca^{2+} (b) Mg^{2+}

(c) SO_4^{2-} (d) Na^+ √

9- **Temporary hardness is because of:**

(a) $Ca(HCO_3)_2$ √ (b) $CaCO_3$

(c) $MgCO_3$ (d) $MgSO_4$

10- **Which gas protects the earth's surface from ultraviolet radiations:**

(a) CO_2 (b) CO

(c) O_3 √ (d) N_2

11- **Which of the following is fat-soluble vitamin:**

(a) A (b) E

(c) K (d) All of these √

2- **Which one of the following is triglyceride:**

(a) Carbohydrates (b) Proteins

(c) Vitamins (d) Lipids √